How to change engine oil and filter on **PEUGEOT 207 SW** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

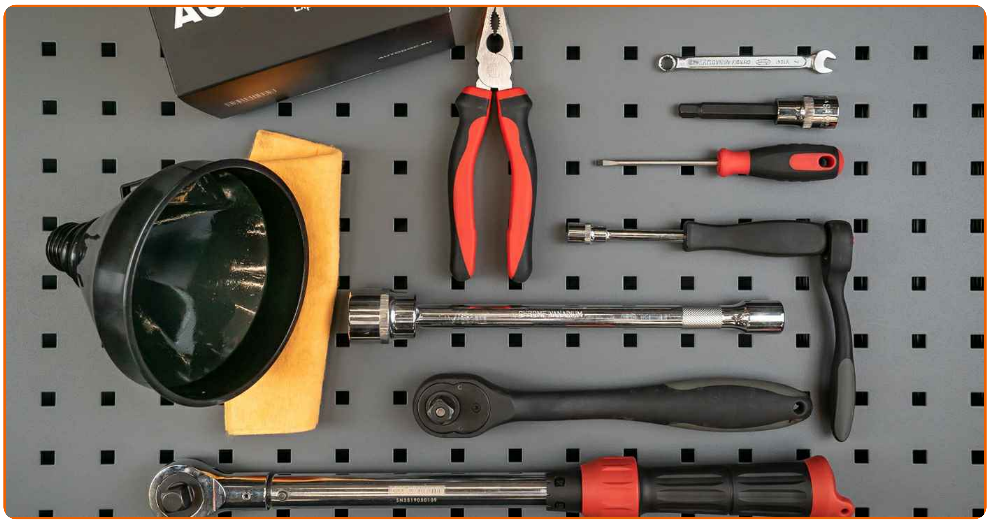
Important!

This replacement procedure can be used for:
PEUGEOT 207 SW 1.4, PEUGEOT 207 SW 1.4 16V, PEUGEOT 207 SW 1.6 16V, PEUGEOT 207 SW 1.6 16V RC

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: PEUGEOT 308 I Hatchback (4A, 4C) 1.6 16V

REPLACEMENT: ENGINE OIL AND FILTER – PEUGEOT 207 SW. TOOLS YOU MIGHT NEED:



- Combination spanner №7
- Impact socket №10
- Impact socket №27
- HEX bit No.H8.
- Combination pliers
- Flat screwdriver
- Oil drain pan
- Funnel
- Torque wrench
- Microfibre towel
- Fender cover

Buy tools

Replacement: engine oil and filter – PEUGEOT 207 SW. AUTODOC recommends:

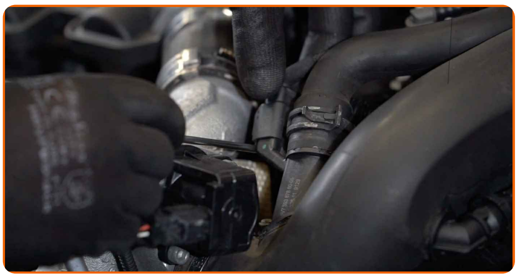
- Replace the oil filter every time when changing motor oil.
- Wear gloves to prevent contact with hot liquid.
- All work should be done with the engine stopped.

REPLACEMENT: ENGINE OIL AND FILTER – PEUGEOT 207 SW. RECOMMENDED SEQUENCE OF STEPS:

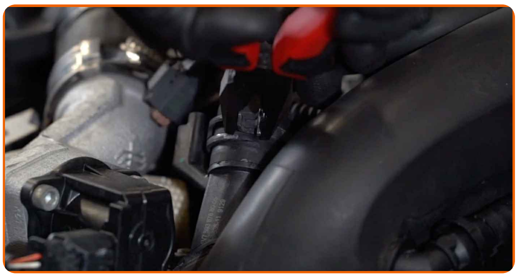
1 Open the hood.

2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

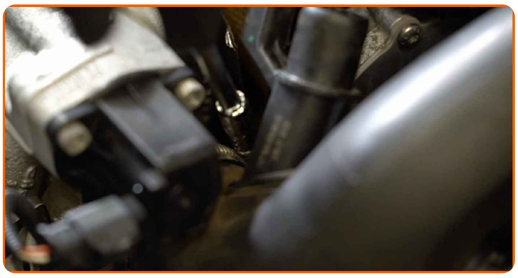
3.1 Disconnect the vacuum sensor.



3.2 Squeeze the clamp with combination pliers and disconnect the vacuum valve hose.



4 Unscrew the clamps and disconnect the charger intake hose from the air filter housing.



5 Loosen the binding clamps attaching the air duct to the air filter housing and to the charger. Use a combination spanner #7.



6 Disconnect the crankcase ventilation hose from the air duct.



7 Disconnect the charger intake hose from the air filter housing.



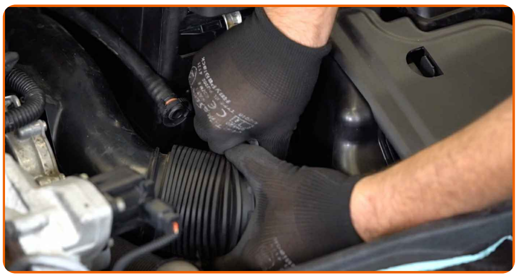
8

Unscrew the clamp and fasteners on the air filter intake pipe. Use a combination spanner #7. Use a drive socket #10.



9

Disconnect the air intake pipe from the air filter housing.



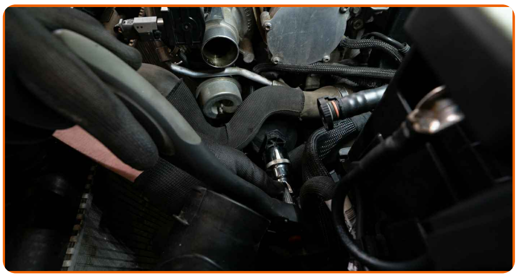
10

Clean the oil filter housing cap.



11

Unscrew the filter housing cap together with the old filter element. Use a drive socket #27.



12

Prepare a container for the old oil filter.



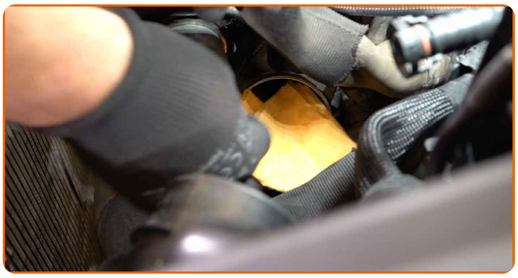
13

Remove the filter element from the filter housing. Put the old filter cartridge in the container.



14

Cover the oil filter housing with a microfibre towel to prevent dirt and foreign objects from getting into the system.



15

Unscrew the oil filler plug.



16

Lift the car using a jack or place it over an inspection pit.

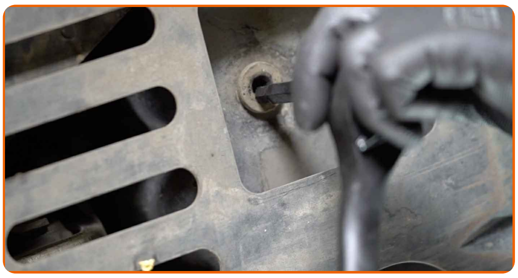
AUTODOC recommends:

- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.

17 Put a waste oil container with at least 5 l capacity under the drainage hole.



18 Unscrew the drain plug. Use HEX No.H8.



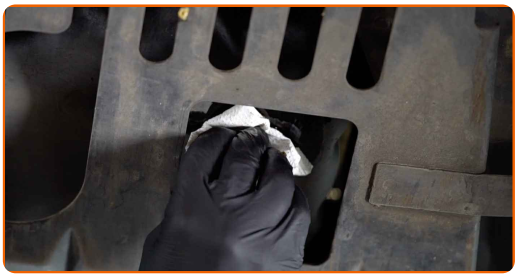
19 Drain the used oil.



Replacement: engine oil and filter – PEUGEOT 207 SW. Tip:

- Caution! The oil may be hot.
- Wait until the oil has completely drained from the drainage hole.

20 Clean the area of the oil pan drainage hole.



21 Screw in the new drainage plug and tighten it. Use HEX No.H8. Use a torque wrench. Tighten it to 30 Nm torque.



22 Lower the car.

23 Remove the oil filter cover O-ring. Use a flat screwdriver.



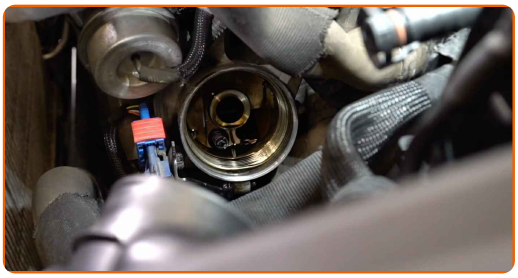
24 Install a new O-ring to its mounting seat on the filter cover.



25 Lubricate the rubber seal of the new filter with a little amount of fresh oil.



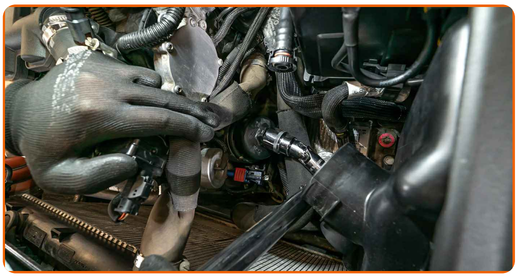
26 Remove the microfibre towel from the oil filter housing.



27 Screw the new filter into its place.



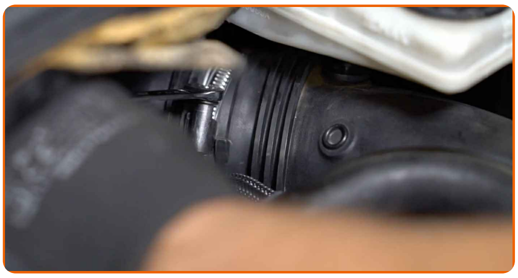
28 Screw the cap. Use a torque wrench. Use a drive socket #27. Tighten it to 25 Nm torque.



29 Connect the air intake pipe to the air filter housing.



30 Tighten the clamp and fasteners on the air filter intake pipe. Use a combination spanner #7. Use a drive socket #10.



31 Connect the charger intake hose to the air filter housing.



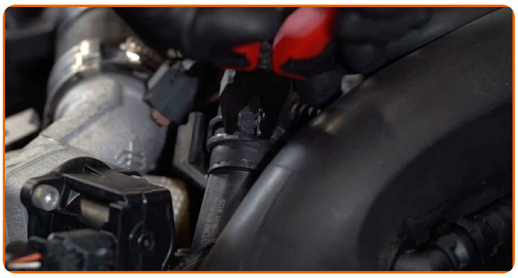
32 Tighten the binding clamps that attach the air duct to the air filter housing and to the charger. Use a combination spanner #7.



33 Connect the crankcase ventilation hose to the air duct.



34 Connect the vacuum sensor. Squeeze the clamp with combination pliers and connect the vacuum valve hose.



35 Unscrew the oil filler plug. Insert the funnel.



36 Pour oil into the engine through the filler. Required amount of oil: 4.25 l.



Replacement: engine oil and filter – PEUGEOT 207 SW. Tip from AUTODOC experts:

- Use the oil recommended by the manufacturer.

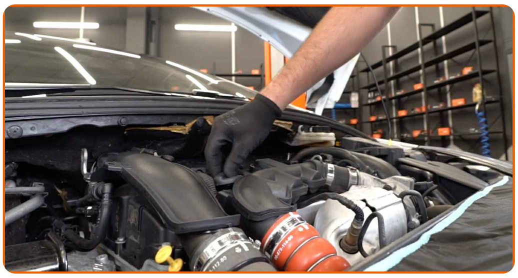
37 Check the oil level using the dipstick. Top up oil if necessary.



Replacement: engine oil and filter – PEUGEOT 207 SW. AUTODOC experts recommend:

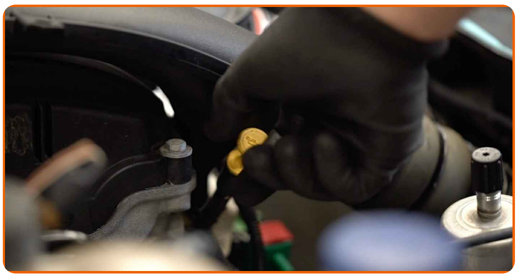
- The oil level should be between the Min and Max marks.

38 Tighten the oil filler cap.



39 Run the engine for a few minutes. After the oil pressure warning light goes out, stop the engine.

40 Check the oil level 5 minutes after the stop of the engine operation using a dipstick and add oil if necessary.



AUTODOC recommends:

- The oil level should be between the Min and Max marks.
- Make sure that the oil filler cap is properly tightened.
- Check the threaded plug of the drainage hole and the oil filter seal for tightness. If necessary, carefully tighten them up.

41 Remove the fender protection cover.

42 Close the hood.

Replacement: engine oil and filter – PEUGEOT 207 SW. Professionals recommend:

- Note that oil pressure warning light, which indicates insufficient pressure in the lubrication system, may be on for a longer time than usual. After a few seconds, the oil will fill all the channels, and the light will go out.
- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

WELL DONE!

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